MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2019/2020

BMM2054 – ERP MATERIALS MANAGEMENT

(All sections / Groups)

23 OCTOBER 2019
2.30 P.M. – 4.30 P.M.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This question paper consists of 3 pages (including cover page) with 4 questions only.
2. Attempt ALL FOUR questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please write all your answer in the Answer Booklet provided.

Question 1 (25 Marks)

SAP MM (Materials Management) is a module in SAP ERP Central Component (ECC) that provides companies with materials, inventory and warehouse management capabilities. The primary goal of SAP MM is to make sure that materials are always kept in proper quantities and without shortages or gaps in the organization's supply chain. It also helps supply chain professionals and other SAP users complete the purchasing of goods in a timely and cost-effective way and to be able to deal with day-to-day changes in these processes.

One of the critical modules in SAP is ECC. Part of SAP ECC's logistics function, SAP MM plays a vital role in a manufacturer's supply chain. It integrates with other ECC components like Production Planning (PP), Sales and Distribution (SD), Plant Maintenance (PM), Quality Management (QM), Finance and Controlling (FICO) and Human Capital Management (HCM). Describe **EIGHT (8)** functionality of MM in SAP system.

(25 Marks)

Question 2 (25 Marks)

SAP's electronic payment processing products provide basic payment card processing capabilities. However, ensuring functional continuity and transaction efficiency between multiple SAP components and payment processors is a far more complex challenge than many realize. It is important to understand the basics of the payment card processing landscape and how to best enhance and utilize SAP systems.

SAP is a payment processing system that accepts basic electronic payment while ensuring efficiency across multiple systems applications and product components. Give an example of transaction and write down the steps to display payment to vendor in SAP system for the purchase of item 31000 and the amount is USD 5250.00 from the vendor account 101999.

(25 Marks)

Question 3 (25 Marks)

Production Planning is the process of aligning demand with manufacturing capacity to create production and procurement schedules for finished products and component materials.

SAP PP is an important module of SAP. It tracks and makes a record of the manufacturing process flows, for example, the planned and actual costs. Also, goods movements from the conversion of raw material to semi-finished goods.

It is fully integrated with the other SAP modules: SD, MM, QM, FICO & PM. Describe all the **FIVE (5)** components of PP Organizational Structure. (25 Marks)

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Question 4 (25 Marks)

Work centre is an organization unit where manufacturing activities are performed.

In other words, Work Centres are the master data which represent real machines, Production Lines, Assembly Work Centre, etc. Manufacturing activity or Operations are carried out at Work Centre.

Work Centres are used in task list (routing) operations and is copied to production orders or process orders for the shop floor planning and execution.

Work Centre data is used for

- Scheduling
    - When a production order is created, the duration of an operation can be calculated based on operating times in routing and formulas which are entered in the Work Centre.
- Costing
    - The costs of an operation can be calculated in the production Order based on the formulas which are entered in the Work Centre. Work Centre is also linked to a cost centre.
- Capacity Planning
    - The available capacity and formulas for calculating capacity requirements are stored in the Work Centre.

Give an example of transaction and list down the steps to display work centre in SAP system.

(25 Marks)

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